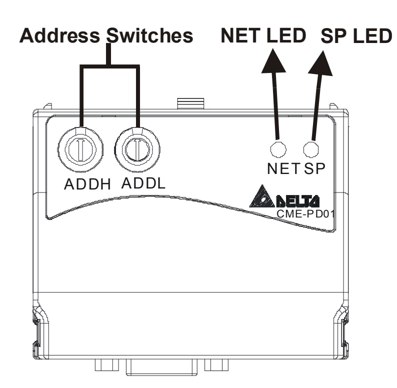
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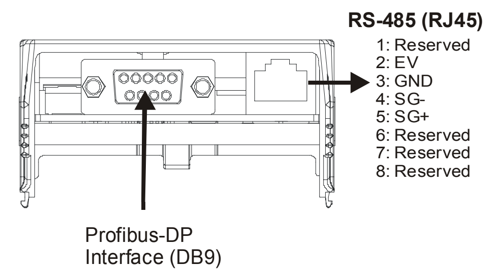


Profibus Communication Module (CME-PD01) Instruction Sheet

- **Profibus is a registered trademark of Profibus International.**
- **Please thoroughly read and understand the following contents to ensure correct use before operation.**
- **The content of this instruction sheet may be revised without prior notice. Please consult our distributors or download the most updated version at http://www.delta.com.tw/industrialautomation**

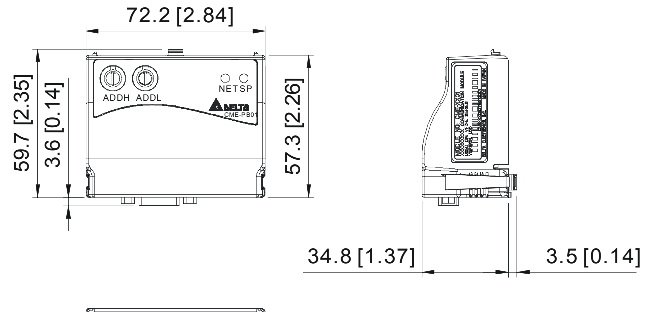
A. Panel Appearance

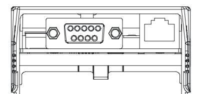




1. **SP LED:** Indicating the connection status between VFD-E and CME-PD01.
2. **NET LED:** Indicating the connection status between CME-PD01 and PROFIBUS-DP.
3. **Address Switches:** Setting the address of CME-PD01 on PROFIBUS-DP network.
4. **RS-485 Interface (RJ45):** Connecting to VFD-E, and supply power to CME-PD01.
5. **PROFIBUS-DP Interface (DB9):** 9-PIN connector that connects to PROFIBUS-DP network.
6. **Extended Socket:** 4-PIN socket that connects to PROFIBUS-DP network.

B. Dimensions





UNIT : mm(inch)

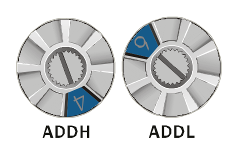
C. Parameters Setting in VFD-E

	VFD-E
Baud Rate 9600	Pr.09.01=1
RTU 8, N, 2	Pr.09.04=3
Freq. Source	Pr.02.00=3
Command Source	Pr.02.01=3

D. Power Supply

The power of CME-PD01 is supplied from VFD-E. Please connect VFD-E to CME-PD01 by using 8 pins RJ-45 cable, which is packed together with CME-PD01. After connection is completed, CME-PD01 is powered whenever power is applied to VFD-E.

E. PROFIBUS Address



CME-PD01 has two rotary s select the PROFIBUS address. The set value via 2 address switches, ADDH and ADDL, is in HEX format. ADDH sets the upper 4 bits, and ADDL sets the lower 4 bits of the PROFIBUS address.

Address	Meaning
1..0x7D	Valid PROFIBUS address
0 or 0x7E..0xFE	Invalid PROFIBUS address



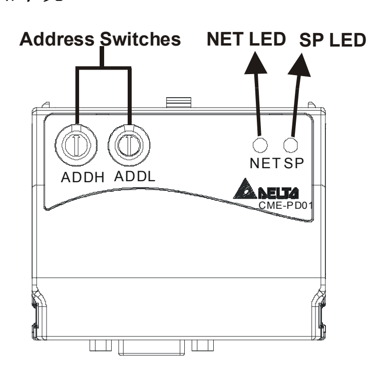
Please download the GSD file and user manual at http://www.delta.com.tw/industrialautomation/

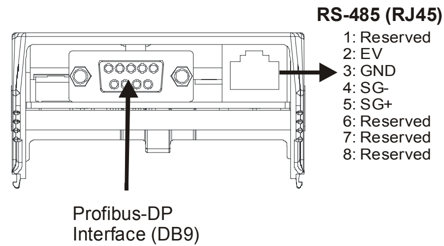


Profibus 通讯模块（CME-PD01）说明书

◆Profibus 为 Profibus international 注册商标。
◆请详细阅读下列说明后才使用本产品，以确保使用安全。
◆由于产品精益求精，当内容规格有所修正时，请洽询代理商或至台达网站 (http://www.delta.com.tw/ch/product/em/em_main.asp)下载最新版本。

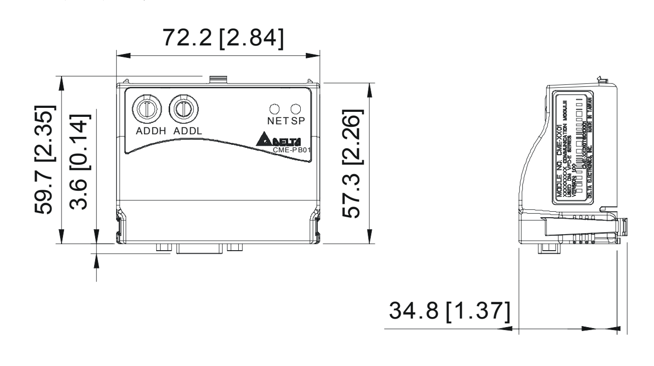
A. 面板外观

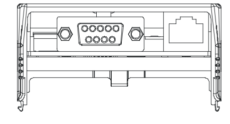




1. **SP LED**：变频器与 CME-PD01 连接状态指示
2. **NET LED**：CME-PD01 与 PROFIBUS-DP 连接状态指示
3. **地址设定钮**：设定 CME-PD01 在 PROFIBUS-DP 网络上的通信地址
4. **RS-485 通讯口 (RJ-45)**：与 VFD-E 系列变频器连接并经由此 port 提供电源给 CME-PD01
5. **PROFIBUS-DP 接口 (DB9)**：用于连接 PROFIBUS-DP 网络
6. **并连插座**：使用 4-PIN socket 连接 PROFIBUS-DP 网络

B. 外观尺寸





UNIT: mm(inch)

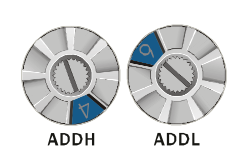
C. **VFD-E** 通讯参数的设定

	VFD-E
Baud Rate 9600	Pr.09.01=1
RTU 8, N, 2	Pr.09.04=3
Freq. Source	Pr.02.00=3
Command Source	Pr.02.01=3

D. 电源供应

CME-PD01 电源由所连接之变频器所供给，使用标准通讯传输线(附于包装盒内，连接 RJ-45，8pins) 连接变频器和 CME-PD01，当变频器上电后，电源即可输入 CME-PD01。

E. 地址设定钮



CME-PD01 提供两个可旋转之地址设定钮来设定，其在 PROFIBUS-DP 网络上的通信地址。两个旋钮包括：ADDH 与 ADDL，ADDH 用来设定高 4 位的通信地址，ADDL 用来设定低 4 位的通信地址，并采用 16 进制。

通信地址	说明
1..0x7D	有效的 PROFIBUS 地址
0 或 0x7E..0xFE	无效的 PROFIBUS 地址

NOTE

请至台达网站下载 GSD 档案及其使用手册
http://www.delta.com.tw/ch/product/em/em_main.asp